



SEQUENCE LISTING

<110> Evotec NeuroSciences GmbH

<120> DIAGNOSTIC AND THERAPEUTIC USE OF KCNE4 PROTEIN FOR
NEURODEGENERATIVE DISEASES

<130> 043098wo Me/FM

<140> PCT/EP2005/050465

<141> 2005-02-03

<160> 16

<170> PatentIn Ver. 2.1

<210> 1

<211> 170

<212> PRT

<213> Homo sapiens

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35 40 45Phe Leu Ile Gly Ile Met Leu Gly Tyr Met Lys Ser Lys Arg Arg Glu
50 55 60Lys Lys Ser Ser Leu Leu Leu Leu Tyr Lys Asp Glu Glu Arg Leu Trp
65 70 75 80Gly Glu Ala Met Lys Pro Leu Pro Val Val Ser Gly Leu Arg Ser Val
85 90 95Gln Val Pro Leu Met Leu Asn Met Leu Gln Glu Ser Val Ala Pro Ala
100 105 110Leu Ser Cys Thr Leu Cys Ser Met Glu Gly Asp Ser Val Ser Ser Glu
115 120 125Ser Ser Ser Pro Asp Val His Leu Thr Ile Gln Glu Glu Gly Ala Asp
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<211> 1204

<212> DNA
<213> Homo sapiens

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<213> Homo sapiens

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<213> Artificial Sequence

<220>
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human KCNE4 gene

<400> 4
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19

<210> 5
<211> 19
<212> DNA
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<223> Description of Artificial Sequence:primer for the
human KCNE4 gene

<400> 5

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<210> 6

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer for the
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<210> 7

<211> 19

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:primer for the
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<223> Description of Artificial Sequence:primer for the
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<210> 11
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<210> 12
<211> 20
<212> DNA
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<223> Description of Artificial Sequence:primer for the
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<210> 13
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human GAPDH gene

<400> 13
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<210> 14
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<223> Description of Artificial Sequence:primer for the
human transferrin receptor TRR gene

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<210> 15

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<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:primer for the
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<210> 16

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<212> DNA

<213> Homo sapiens

<400> 16

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